



# MOXA ioLogik E4200 Series Modular Ethernet Remote I/O Adapter Installation Guide

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## MOXA ioLogik E4200 Series Modular Ethernet Remote I/O Adapter



## Introduction

The ioLogik E4200 comes equipped with 2 Ethernet ports and 1 RS-232 port, making it suitable for remote monitoring and alarm system applications that require multiple I/O points of various types.



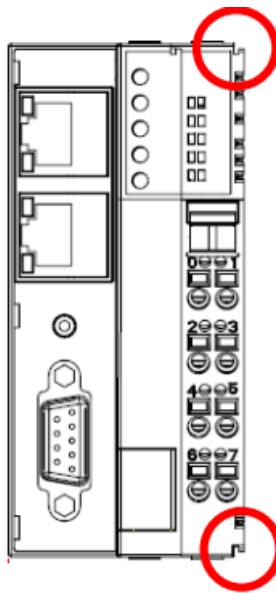
### Package Checklist

Moxa's ioLogik E4200 is shipped with the following items. If any of these items are missing or damaged, please contact your customer service representative for assistance.

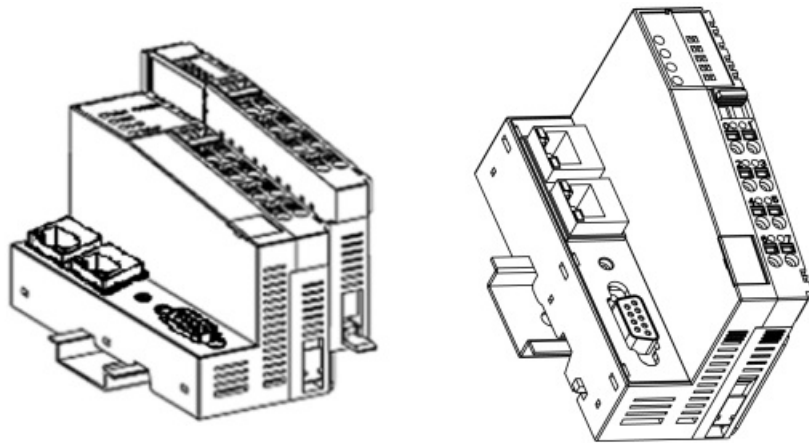
- ioLogik E4200 Active Ethernet Network Adaptor.
- Quick installation guide (printed).
- End Module Cover.

### Installing the I/O Module on a DIN-Rail

- **Step1: Align the I/O module side by side with the network adaptor, making sure that the upper and lower rails are hooked together.**

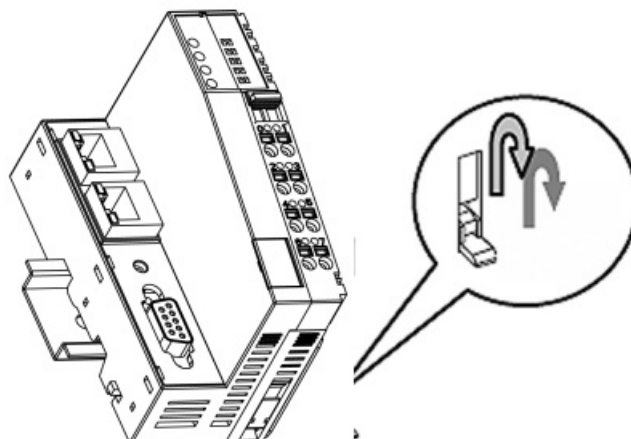


- **Step 2:** Align the I/O module side by side with the network module and then push the I/O module until it touches the DIN-rail. Next, apply more force until the module clips to the DIN-rail.

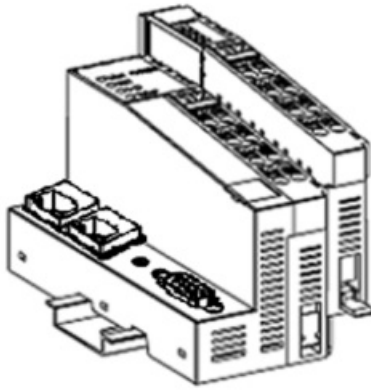


### Removing the I/O Module from the DIN-Rail

**Step1:** Use your finger or a screw driver to pull down the tab on the lower part of the module.

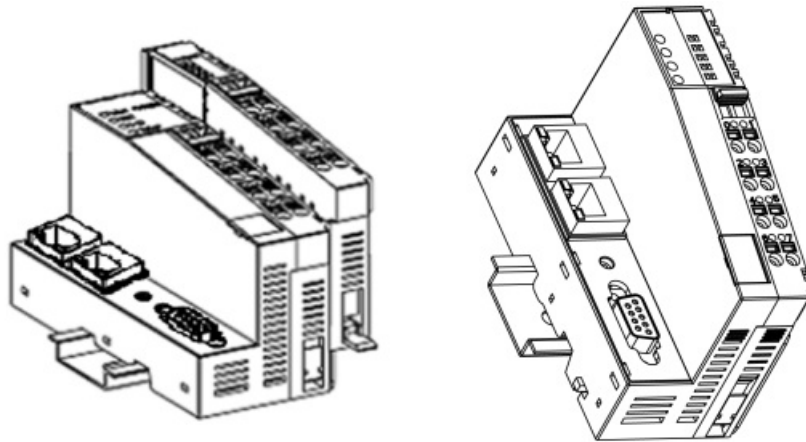


**Step 2:** While still holding down the tab, pull out the Module.



### Remove the RTB from the I/O module

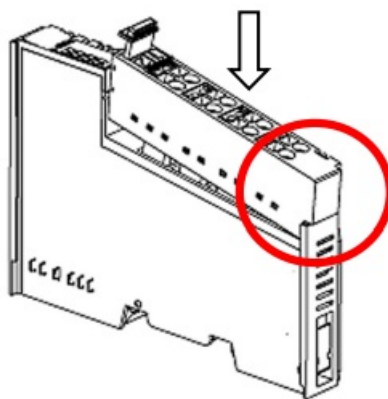
Pull out the plastic belt from the RTB, and then apply more force until the I/O module is pulled away from the I/O module.



### Installing the RTB onto the I/O Module

**Step 1:** Hook the bottom end of the RTB to the I/O module.

**Step 2:** Push down the RTB until it fits snugly on the I/O module, and



### Installing the System Power Module

The system power expansion module is designed to provide extra power when additional I/O expansion modules are connected. Each ioLogik E4200 can provide 1.5A @ 5 VDC. If you require more power for your installed I/O expansion modules, you will need to use an M-7001 module. However, please note that the M-7001 can only provide 1A @ 5 VDC.



## Supported Modules

### DC-Digital Input Modules

M-1800 8 digital inputs, sink, 24 VDC, removable terminal block  
M-1801 8 digital inputs, source, 24 VDC, removable terminal block  
M-1600 16 digital inputs, sink, 24 VDC, 20-pin header  
M-1601 16 digital inputs, source, 24 VDC, 20-pin header

### AC-Digital Input Modules

M-1450 4 digital inputs, 110 VAC, removable terminal block  
M-1451 4 digital inputs, 220 VAC, removable terminal block

### Digital Output Modules

M-2800 8 digital outputs, sink, 24 VDC, 0.5A, removable terminal block  
M-2801 8 digital outputs, source, 24 VDC, 0.5A, removable terminal block  
M-2600 16 digital outputs, sink, 24 VDC, 0.3A, 20-pin header  
M-2601 16 digital outputs, sink, 24 VDC, 0.3A, 20-pin header

### Relay Output Modules

M-2450 4 Relay outputs, Form A (N.O.), 2A, removable terminal

### Analog Input Modules

M-3802 8 analog inputs, 4 to 20 mA, 12-bit, removable terminal block  
M-3810 8 analog inputs, 0 to 10V, 12-bit, removable terminal block

### Temperature Input Modules

M-6200 2 analog inputs, RTD, removable terminal block  
M-6201 2 analog inputs, thermocouple, removable terminal block

### Analog Output Modules

M-4402 4 analog outputs, 4 to 20 mA, 12-bit, removable terminal block  
M-4410 4 analog outputs, 0 to 10V, 12-bit, removable terminal

### System Modules

M-7001 System expansion power supply, 1.0 A (5 VDC)  
M-7002 Field power distributor, 10 A (24/48 VDC, 110/220 VAC) M-7806 Potential distributor, 8 ch, 4 ch / 24 VDC, 4ch / 0 VDC

## Accessories

### TB 1600 DIN-rail mounting screw terminal module with 20-pin connector

- pins, one-to-one assignment
- Connector pitch: 3.81 mm
- DIN-rail mounting type
- Dimensions (W x L x H): 77.5 x 67.5 x 51 mm
- RoHS compliant





### 20-pin to 20-pin flat cable

- Connecting between TB 1600 and ioLogik 4000 Series
- Length: 50 cm
- Number of pins: 20



### M-8001-PK Removable terminal block

- Terminal block for ioLogik 4000 series
- Packaging: 9 pcs in one box

### M-8003-PK Marker with 0 to 9 numbering M-8004-PK Blank marker

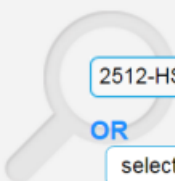
- Marker for ioLogik 4000 series
- Packaging: 100 pcs in one box

### How to Download the Software

**Step 1:** Click on the following link to open the Support & Downloads search tool:

**Step 2:** Type the model name in the search box or select a product from the drop down box and then click Search.

## Support & Downloads



OR

Please choose a model :



- ioLogik 2512-HSPA

**Step 3:** Click the Software Packages link to download the latest software for the product.

# ioLogik 2512-HSPA

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|---|---|---|
| <b>Documentation</b> <ul style="list-style-type: none"><li>• Datasheets</li><li>• Manuals</li></ul> | <b>Software</b> <ul style="list-style-type: none"><li>• Firmware</li><li>• Libraries</li><li>• <b>Software Packages</b></li><li>• Utilities</li></ul> | <b>Other</b> <ul style="list-style-type: none"><li>• Product Page</li></ul> |
|---|---|---|

## Documents / Resources

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| <div data-bbox="153 958 264 985"><p>ioLogik E4200 Series<br/>Quick Installation Guide<br/>Modular Ethernet Remote I/O Adapter</p></div> <div data-bbox="172 1012 242 1016"><p>Version 4.1, June 2021</p></div> <div data-bbox="162 1077 253 1093"><p>For more support contact information<br/>visit <a href="http://www.moxa.com/support">www.moxa.com/support</a></p></div> <div data-bbox="167 1162 247 1182"><p>© 2021 Moxa Inc. All rights reserved.</p></div> <div data-bbox="229 1202 284 1214"></div> | <div data-bbox="317 1043 1458 1104"><p><b><a href="#">MOXA ioLogik E4200 Series Modular Ethernet Remote I/O Adapter</a></b> [pdf] Installation Guide</p><p>ioLogik E4200 Series, Modular Ethernet Remote I-O Adapter</p></div> |
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**Manuals+,**